

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/1503/00310

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F03B13/14 F03D11/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F03B F03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 080 437 A (VICKERS LTD) 3 February 1982 (1982-02-03)	1
Y	the whole document	2-5
Y	---	6
Y	US 4 139 984 A (MOODY GEORGE W ET AL) 20 February 1979 (1979-02-20) column 3, line 31 -column 4, line 50 column 4, line 62 -column 5, line 2; figures 3,4	2-5
Y	---	
Y	GB 2 365 385 A (PEMBERTON JOHN MICHAEL) 20 February 2002 (2002-02-20) abstract; figure 1	6

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

25 August 2003

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01/09/2003

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP83/00310

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 008, no. 047 (M-280), 2 March 1984 (1984-03-02) & JP 58 200081 A (MITSUBISHI DENKI KK), 21 November 1983 (1983-11-21) abstract -----	1
A	US 6 194 791 B1 (WELLS ALAN ARTHUR) 27 February 2001 (2001-02-27) abstract; figure 3 -----	6

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Informative patent family members

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